

Title (en)
DENATURED SPIRULINA AND MANUFACTURING METHOD THEREOF

Title (de)
DENATURIERTE SPIRULINA UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
SPIRULINE DENATUREE ET SON PROCEDE DE FABRICATION

Publication
EP 1490472 A4 20060607 (EN)

Application
EP 03715790 A 20030324

Priority
• KR 0300569 W 20030324
• KR 20020016183 A 20020325

Abstract (en)
[origin: WO03080811A1] Disclosed is a denatured spirulina of being removed the unpleasant smell of spirulina, of maintaining its nutrients undestroyed, of being changed the unpleasant deep blue color from light blue to rose pink, and of showing higher suspensible nature to cold water, characterized in that spirulina is suspended in distilled or purified water to destroy its cell membranes by osmolytic treatment, so the chromoprotein phycocyanin leaks out of the cell membranes; chromoprotein in the spirulina is partially denatured by heating the resulting mixture; condensing, condensing under reduced pressure or finally freeze-dried the resulting mixture.

IPC 8 full level
A23L 1/30 (2006.01); **C12N 1/12** (2006.01); **A01G 33/00** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
• [X] JP H05112461 A 19930507 - NIPPON OIL CO LTD
• See references of WO 03080811A1

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